

North Carolina Route 1852 Bridge

(Bridge No. 63)

North Carolina Route 1852 spanning Lake Summit

Tuxedo vicinity

Henderson County

North Carolina

HAER No. NC-36

HAER
NC,
45-TUX.V,
1-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
Department of the Interior
Southeast Region
Atlanta, Georgia 30303

HISTORIC AMERICAN ENGINEERING RECORD

North Carolina Route 1852 Bridge

HAER No. NC-36

Location: On North Carolina Route 1852, spanning Lake Summit
Tuxedo vicinity, Henderson County, North Carolina

Date of Construction: 1921

Builder/Designer: Atlantic Bridge Company of Charlotte, North Carolina

Present Owner: North Carolina Department of Transportation
Raleigh, North Carolina

Present Use: Vehicular bridge

Significance: The bridge is a pin-connected 228' Petit with twelve
panels. It is the shortest of the Petit trusses, but
retains all the characteristics: subdivided panels,
intersecting diagonals, and the missing ties in the
second and fourth panels. In addition, the bottom
chord is of four-eye bars instead of the usual two
that are in most pin-connected through trusses. It
was designed as a two-lane bridge; its deck is 24 feet
wide. This truss deck is the widest roadbed of any
truss built in North Carolina before 1950.

Project Information: This documentation was undertaken in 1984 in accordance
with the Memorandum of Agreement by the North Carolina
Department of Transportation as a mitigative measure
prior to demolition.

Inventoried by: George Fore
Division of Archives and History
North Carolina Department of Cultural Resources
1979

Edited by: Paul Hawke, Historian
Southeast Region
National Park Service
Atlanta, Georgia 30303

Retyped and
Transmitted by: Jean P. Yearby, HAER, 1987